Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 2

Col	mplete if Known	
Application Number	10/667,094	
Filing Date	9/19/2003	
First Named Inventor	Risvan Coskun	
Art Unit	2681 ·	
Examiner Name	Wayne Cai	
Attorney Docket Number	555255-012568	

Initials* No.1 MM-DD-YYYY Applicant of Cited Document Relevant Passages or F	·/		U. S. PATENT	DOCUMENTS	
US- 2002/0034941 A1	aminer Cite tiats* No.	.1			Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
US- 2001/0003202 A1 06-07-2001 Mache US- US- US- US- US- US- US- US- US- US	WO	US- 2002/0034941 A1	03-21-2002	Patil	
US-	TIM		06-07-2001	Mache	
US-		US-			
US-					
US-					
US-					
US-			<u> </u>		
US-					
US- US- US- US- US- US- US-					•
US- US- US- US- US-					
US- US- US- US-				<u> </u>	
US- US- US-					
US- US-					
US-					
					
					•
US-					
US-					

Cite No.	FORE Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
	Country Code ³ "Number ⁴ "Kind Code ³ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Ľ
/ .	EP 1176840 A1	01-30-2002	De Vries		_
	WO 02/065250 A2	08-22-2002	McDowell		
	WO 01/56308 A2	08-02-2001	McDowell		
	WO 00/62564	10-19-2000	Blow		
	WO 01/37597 A1	05-25-2001	Tang		L
	No.¹	No. 1 Country Code ³ *Number ¹ *Kind Code ³ (# known) EP 1176840 A1 WO 02/065250 A2 WO 01/56308 A2 WO 00/62564	No. 1 Date MM-DD-YYYY Country Code ³ Number ⁴ Kind Code ³ (# known) Date MM-DD-YYYY Property Code ³ Number ⁴ Kind Code ³ (# known) Date MM-DD-YYYY O1-30-2002 WO 02/065250 A2 08-22-2002 WO 01/56308 A2 08-02-2001 WO 00/62564 10-19-2000	Date MM-DD-YYYY	Date MM-DD-YYYY Applicant of Cited Document Where Relevant Passages Or Relevant Figures Appear

Examiner Signature	Mul	nolliessi-	Date Considered	12/06/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of the form with next communication to applicant. Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/088 (07-05)

Approved for use through 07/31/2006, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 144	0/PTO			Complete if Known
Substitute for form 144	Sir 10		Application Number	10/667,094
INFORMAT	ION DIS	CLOSUR	E Filing Date	9/19/2003
STATEME	NT BY A	PPLICAN	T First Named Inventor	Risvan Coskun
// to a a a	any sheets as n	onoecom/l	Art Unit	2681
(USB as m	any sneets as n	ecessary	Examiner Name	Wayne Cai
Sheet 2	of	2	Attorney Docket Number	555255-012568

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
lux		Ericsson, Motorola, and Nokia; Wireless Village Initiative: White Paper; 2001	
Wor		3rd Generation Partnership Proejct; TS23.141; June, 2002	
.,	1		

	Examiner Signature Tamelle	Date Considered	12/06/05
--	----------------------------	-----------------	----------

EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.